

Via EFS

Date of Deposit: July 1, 2009

Page 1 of 8
Attorney Docket No.: 24024-505 CON

Modified Form 1449/PTO	Application Number	10/774,843
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date	February 9, 2004
	First Named Inventor	Peled
	Group Art Unit	1633
	Examiner Name	Maria Gomez Leavitt
	Attorney Docket Number	24024-505 CON
	Confirmation Number	9770

U.S. PATENT DOCUMENTS

Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
/ML/		3,715,345	06-06-1973	Smith			
		3,791,932	02-12-1974	Schuurs et al.			
		3,839,153	10-01-1974	Schuurs et al.			
		3,850,578	11-26-1974	McConnell			
		3,850,752	11-26-1974	Schuurs et al.			
		3,853,987	12-10-1974	Dreyer			
		3,863,008	01-28-1975	Grant			
		3,867,517	02-18-1975	Ling			
		3,876,623	08-08-1975	Jackson et al.			
		3,879,262	04-22-1975	Schuurs et al.			
		3,901,654	08-26-1975	Gross			
		3,935,074	01-27-1976	Rubenstein et al.			
		3,984,533	10-05-1976	Uzgiris			
		3,996,345	12-07-1976	Ullman et al.			
		4,034,074	07-05-1977	Miles			
		4,098,876	07-04-1978	Piasio et al.			
		4,666,828	05-19-1987	Gusella			
		4,683,202	07-28-1987	Mullis			
		4,801,531	01-31-1989	Frossard			
		4,806,484	02-21-1989	Petrosian et al.			
		4,879,219	11-07-1989	Wands et al.			
		5,011,771	04-30-1991	Bellet et al.			
		5,081,035	01-14-1992	Halberstadt et al.			
		5,192,659	03-09-1993	Simons			
		5,272,057	12-21-1993	Smulson et al.			
		5,281,521	01-25-1994	Trojanowski et al.			
		5,320,963	06-14-1994	Knaack et al.			
		5,342,781	08-30-1994	Su			
		5,437,994	08-01-1995	Emerson et al.			
		5,612,211	03-18-1997	Wilson et al.			



ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /ML/

Via EFS

Date of Deposit: July 1, 2009

Page 2 of 8
Attorney Docket No.: 24024-505 CON

/ML/		5,674,750	07-07-1997	Kraus et al.			
		5,712,154	01-27-1998	Mullon et al.			
		6,303,374	10-16-2001	Zhang et al.			
		6,326,198	12-04-2001	Emerson et al.			
		6,335,195	01-01-2002	Rodgers et al.			
		6,642,019	04-04-2003	Anderson et al.			
		6,645,489	11-11-2003	Pykett et al.			
		6,680,166	01-20-2004	Mullon et al.			
↓		7,247,477	07-24-2007	Itskovitz-Eldor et al.			
		7,344,881	03-18-2008	Peled et al.			

U.S. PUBLISHED APPLICATION DOCUMENTS

Exam Initial	Cite No.	U.S. Published Application No.	Published Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriate
/ML/		2001/0014475	08-16-2001	Frondoza et al.			
		2002/0001826	01-03-2002	Wager et al.			
		2002/0090603	07-11-2002	Lipton et al.			
		2002/0146678	10-10-2002	Benvenisty			
		2002/0146816	10-10-2002	Vellinger et al.			
		2002/0182728	12-05-2002	Ramiya et al.			
		2003/0002363	02-02-2003	Le et al.			
		2003/0031665	02-13-2003	Dang et al.			
		2003/0125410	03-03-2003	Keita et al.			
		2003/0235909	12-25-2003	Hariri et al.			
		2004/0247574	12-09-2004	Christopherson, II et al.			
		2005/0069527	03-31-2005	Laughlin et al.			
		2005/0084961	04-21-2005	Hedrick et al.			
		2005/0095228	05-05-2005	Fraser et al.			
		2006/0171932	08-03-2006	Hendricks et al.			
		2006/0205071	09-14-2006	Hasson et al.			
↓		2007/0077652	04-05-2007	Peled et al.			
		2008/0279828	11-13-2008	Peled et al.			

FOREIGN PATENT DOCUMENTS

Exam Initials	Cite No.	Foreign Patent Document Office	Number	Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes	Translation No
/ML/		WO	95/14078	Cameron, Robert	05-26-1995		
		WO	95/21911	Goffe, Randal	08-17-1995		
		WO	95/24464	Sandstrom et al.	09-14-1995		
↓		WO	96/40876	Tucker et al.	12-19-1996		

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /ML/

Via EFS

Date of Deposit: July 1, 2009

Page 3 of 8
Attorney Docket No.: 24024-505 CON

/ML/		WO	97/04707	Aoyama et al.	02-13-1997	Abstract only	
		WO	00/46349	Merchav et al.	08-10-2000		
		WO	00/66712	Oles et al.	11-09-2000		
		WO	00/73421	Hu et al.	12-07-2000		
		WO	02/064755	Hariri, Robert	08-22-2002		
		WO	02/080995	Nevo et al.	10-17-2002		
		WO	03/004626	Zandstra et al.	01-16-2003		
		WO	05/007073	Marikovsky et al.	01-27-2005		
		WO	05/007799	Hasson et al.	01-27-2005		
		WO	06/030442	Peled et al.	03-23-2006		
		WO	07/063545	Peled et al.	06-07-2007		
		WO	08/056368	Peled et al.	05-15-2008		

NON PATENT LITERATURE DOCUMENTS

Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
/ML/		Aiuti et al. "The Chemokine SDF-1 Is A Chemoattractant for Human CD34+ Hematopoietic Progenitor Cells and Provides A New Mechanism to Explain the Mobilization of CD34+ Progenitors to Peripheral Blood", <i>Journal of Experimental Medicine</i> , 185(1): 111-120, 1997.					
		Anderlini et al. "The Use of Mobilized Peripheral Blood Stem Cells From Normal Donors for Allografting", <i>Stem Cells</i> , 15: 9-17, 1997.					
		Aoki et al. "In Vivo Transfer Efficiency of Antisense Oligonucleotides Into the Myocardium Using HVJ-Liposome Method", <i>Biochemical and Biophysical Research Communications</i> , 231: 540-545, 1997.					
		Arriero et al. "Adult Skeletal Muscle Stem Cells Differentiate Into Endothelial Lineage and Ameliorate Renal Dysfunction After Acute Ischemia", <i>American Journal of Physiology - Renal Physiology</i> , 287: F621-F627, 2004.					
		Asahara et al., "Stem cell therapy and gene transfer for regeneration", <i>Gene Therapy</i> , 7:451-457 (2000)					
		Auger et al. "PDGF-Dependent Tyrosine Phosphorylation Stimulates Production of Novel Polyphosphoinositides in Intact Cells", <i>Cell</i> , 57: 167-175, 1989.					
		Baggiolini "Chemokines and Leukocyte Traffic", <i>Nature</i> , 392: 565-568, 1998.					
		Bhat-Nakshatri, et al., "Tumour necrosis factor and PI3-kinase control oestrogen receptor alpha protein level and its transrepression function", <i>Br. J. Cancer</i> , 90:853-859 (2004).					
		Bieback et al., "Critical Parameters for the Isolation of Mesenchymal Stem Cell from Umbilical Cord Blood", <i>Stem Cells</i> , 22:625-634 (2004).					
		Birkenkamp, et al., "An inhibitor of PI3-K differentially affects proliferation and IL-6 protein secretion in normal and leukemic myeloid cells depending on the stage of differentiation", <i>Exp. Hematol.</i> , 28:1239-1249 (2000).					
		Bohmer et al. "Fetal Cell Isolation From Maternal Blood Cultures by Flow Cytometric Hemoglobin Profiles", <i>Fetal Diagnosis and Therapy</i> , 17(2): 83-89, 2002.					
		Bongers et al. "Kinetics of Dipeptidyl Peptidase IV Proteolysis of Growth Hormone-Releasing Factor and Analogs", <i>Biochimica et Biophysica Acta</i> , 1122: 147-153, 1992.					
		Brott et al. "Flow Cytometric Characterization of Perfused Human Bone Marrow Cultures: Identification of the Major Cell Lineages and Correlation With the CFU-GM Assay", <i>Cytometry Part A</i> , 53A: 22-27, 2003.					
		Broxmeyer "Regulation of Hematopoiesis by Chemokine Family Members", <i>International Journal of</i>					

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /ML/

Via EFS

Date of Deposit: July 1, 2009

Page 4 of 8
Attorney Docket No.: 24024-505 CON

/ML/	Hematology, 74: 9-17, 2001.
/ML/	Bryder et al. "Hematopoietic Stem Cells: the paradigmatic tissue-specific stem cell." <i>Am J Pathol.</i> , 169(2):338-46, 2006
	Butt "Introduction to Chemical Reactor Theory", <i>Reaction Kinetics and Reactor Design</i> , Chap.4: 184-241, 1980.
	Chen et al. "Differentiation of Rat Marrow Mesenchymal Stem Cells into Pancreatic Islet Beta-Cells", <i>World Journal of Gastroenterology</i> , 19(20): 3016-3020, 2004.
	Christopherson II et al. "Cell Surface Peptidase CD26/Dipeptidylpeptidase IV Regulates CXCL12/Stromal Cell-Derived Factor-1 α -Mediated Chemotaxis of Human Cord Blood CD34+ Progenitor Cells", <i>The Journal of Immunology</i> , 169: 7000-7008, 2002.
	Christopherson II et al. "Modulation of Hematopoietic Stem Cell Homing and Engraftment by CD26", <i>Science</i> , 305: 1000-1003, 2004.
	Cole et al. "The EBV-Hybridoma Technique and Its Application to Human Lung Cancer", <i>Monoclonal Antibodies and Cancer Therapy</i> , P.77-96, 1985.
	Collins et al. "Stirred Culture of Peripheral and Cord Blood Hematopoietic Cells Offers Advantages over Traditional Static Systems for Clinically Relevant Applications", <i>Biotechnology and Bioengineering</i> , 59(5): 534-543.
	Corda et al. "Functional Aspects of Protein Mono-ADP-Ribosylation", <i>The EMBO Journal</i> , 22(9): 1953-1958, 2003.
	Czauderna, et al., "Functional studies of the PI(3)-kinase signalling pathway employing synthetic and expressed siRNA.", <i>Nuc. Acid Res.</i> , 31(2):670-682 (2003).
	Czyz et al. "Potential of Embryonic and Adult Stem Cell In Vitro", <i>Biological Chemistry</i> , 384: 1391-1409, 2003.
	De La Cruz et al. "Do Protein Motifs Read the Histone Code?", <i>BioEssays</i> , 27.2: 164-175, 2005.
	Donovan et al. "The End of the Beginning for Pluripotent Stem Cells", <i>Nature</i> , 414(6859): 92-97, 2001.
	Dosil et al., "Mitogenic signalling and substrate specificity of the Flk2/Flt3 receptor tyrosine kinase in fibroblasts and interleukin 3-dependent hematopoietic cells", <i>Mo. Cell Biol.</i> , 13(10):6572-6585 (1993). Abstract.
	Ehring et al. "Expansion of HPCs From Cord Blood in A Novel 3D Matrix", <i>Cyotherapy</i> , 5(6): 490-499, 2003.
	Ferrari et al. "Muscle Regeneration by Bone Marrow-Derived Myogenic Progenitors", <i>Science</i> , 279(5356): 1528-1530, 1998. Erratum in: <i>Science</i> , 281(5379): 923, 1998.
	Forraz, et al., "AC133+ umbilical cord blood progenitors demonstrate rapid self-renewal and low apoptosis.", <i>Br. J. Haematol.</i> , 119(2):516-524 (2002).
	Fry, M. J., "Phosphoinositide 3-kinase signalling in breast cancer: how big a role might it play?", <i>Breast Cancer Res.</i> , 3(5):304-312 (2001).
	Gloeckner et al. "New Miniaturized Hollow-Fiber Bioreactor for In Vivo Like Cell Culture, Cell Expansion, and Production of Cell-Derived Products", <i>Biotechnology Progresses</i> , 17: 828-831, 2001.
	Gluckman et al. "Hematopoietic Reconstitution in A Patient With Fanconi's Anemia by Means of Umbilical-Cord Blood From An HLA-Identical Sibling", <i>The New England Journal of Medicine</i> , 321(17): 1174-1178, 1989.
	Haviernik et al., "Tissue inhibitor of matrix metalloproteinase-1 overexpression in M1 myeloblasts impairs IL-6-induced differentiation", <i>Oncogene</i> , , 23(57):9212-9219 (2004). Abstract
	Higashi et al., "Autologous Bone-Marrow Mononuclear Cell Implantation Improves Endothelium-Dependent Vasodilation in Patients With Limb Ischemia", <i>Circulation</i> , 109:1215-1218 (2004)
	Hori et al. "Growth Inhibitors Promote Differentiation of Insulin-Producing Tissue From Embryonic Stem Cells", <i>Proc. Natl. Acad. Sci. USA</i> , 99(25): 16105-16110, 2002.
	Hühn et al. "Molecular Analysis of CD26-Mediated Signal Transduction in T Cells", <i>Immunology</i>

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /ML/

Via EFS

Date of Deposit: July 1, 2009

Page 5 of 8
Attorney Docket No.: 24024-505 CON

/ML/	Letters, 72: 127-132, 2000.
	Imai et al. "Selective Secretion of Chemoattractants for Haemopoietic Progenitor Cells by Bone Marrow Endothelial Cells: A Possible Role in Homing of Haemopoietic Progenitor Cells to Bone Marrow", <i>British Journal of Haematology</i> , 106: 905-911, 1999.
	Imitola et al. "Directed Migration of Neural Stem Cells to Sites of CNS Injury by the Stromal Cell-Derived Factor 1 α /CXC Chemokine Receptor 4 Pathway", <i>Proc. Natl. Acad. Sci. USA</i> , 101(52): 18117-18122, 2004.
	Jelinek et al. "Novel Bioreactors for the Ex Vivo Cultivation of Hematopoietic Cells", <i>English Life Science</i> , 2(1): 15-18, 2002.
	Kähne et al. "Dipeptidyl Peptidase IV: A Cell Surface Peptidase Involved in Regulating T Cell Growth (Review)", <i>International Journal of Molecular Medicine</i> , 4: 3-15, 1999.
	Kern et al., "Comparative Analysis of Mesenchymal stem cells from Bone Marrow, Umbilical Cord Blood, or Adipose Tissue", <i>Stem Cells</i> , 24:1294-1301 (2006).
	Kitanaka, et al., "CD38 ligation in human B cell progenitors triggers tyrosine phosphorylation of CD19 and association of CD19 with lyn and phosphatidylinositol 3-kinase.", <i>J. Immunol.</i> , 159(1):184-192 (1997).
	Kobari et al. "CD133+ cell selection is an alternative to CD34+ cell selection for ex vivo expansion of hematopoietic stem cells.", <i>J. Hematother Stem Cell Res.</i> 2001; 10(2):273-81
	Kronenwett et al. "Oligodeoxyribonucleotide Uptake in Primary Human Hematopoietic Cells Is Enhanced by Cationic Lipids and Depends on the Hematopoietic Cell Subset", <i>Blood</i> , 91(3): 852-862, 1998.
	Ku et al. "Committing Embryonic Stem Cells to Early Endocrine Pancreas In Vitro", <i>Stem Cells</i> , 22: 1205-1217, 2004.
	Lambeir et al. "Kinetic Investigation of Chemokine Truncation by CD26/Dipeptidyl Peptidase IV Reveals A Striking Selectivity Within the Chemokine Family", <i>The Journal of Biological Chemistry</i> , 276(32): 29839-29845, 2001.
	Lavigne et al. "Enhanced Antisense Inhibition of Human Immunodeficiency Virus Type 1 in Cell Cultures by DLS Delivery System", <i>Biochemical and Biophysical Research Communications</i> , 237: 566-571, 1997.
	Lee et al. "Clonal Expansion of Adult Rat Hepatic Stem Cell Lines by Suppression of Asymmetric Cell Kinetics (SACK)", <i>Biotechnology and Bioengineering</i> , 83: 760-771, 2003.
	Lee et al. "Repair of Ischemic Heart Disease With Novel Bone Marrow-Derived Multipotent Stem Cells", <i>Cell Cycle</i> , 4(7): 861-864, 2005.
	Luft " Making Sense Out of Antisense Oligodeoxynucleotide Delivery: Getting There Is Half the Fun". <i>J. Mol. Med.</i> , P.75-76. 1998.
	Lupi et al. "Endogenous ADP-Ribosylation of the G Protein β Subunit Prevents the Inhibition of Type 1 Adenylyl Cyclase", <i>The Journal of Biological Chemistry</i> , 275(13): 9418-9424, 2000.
	Ma, et al., "Inhibition of phosphatidylinositol 3-kinase causes apoptosis in retinoic acid differentiated HL-60 leukemia cells.", <i>Cell Cycle</i> , 3(1):67-70 (2004).
	Matuoka et al. " A Positive Role of Phosphatidylinositol 3-Kinase in Aging Phenotype Expression in Cultured Human Diploid Fibroblasts", <i>Arch. Gerontol. Geriatr.</i> , 36:203-219, 2003.
	McGrath et al. "Embryonic Expression and Function of the Chemokine SDF-1 and Its Receptor, CXCR4", <i>Developmental Biology</i> , 213: 442-456, 1999.
	McNiece et al., "Ex vivo Expansion of Cord Blood Mononuclear Cells on Mesenchymal Stem Cells", <i>Cytotherapy</i> , 6(4):311-317 (2004)
	Meissner et al. "Development of A Fixed Bed Bioreactor for the Expansion of Human Hematopoietic Progenitor Cells", <i>Cytotechnology</i> , 30: 227-234, 1999.
↓	Merck & Co. "The Merck Index, An Encyclopedia of Chemicals, Drugs and Biologicals", 10th Ed.(3742): 549, 1983.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /ML/

/ML/	Miraglia et al. "A Novel Five-Transmembrane Hematopoietic Stem Cell Antigen: Isolation, Characterization, and Molecular Cloning", <i>Blood</i> , 90(12): 5013-5021, 1997.
	Mood, et al., "Contribution of JNK, Mek, Mos and PI-3K signaling to GVBD in Xenopus oocytes.", <i>Cell. Signalling</i> , 16:631-642 (2004).
	Mulloy et al. "Maintaining the self-renewal and differentiation potential of human CD34+ hematopoietic cells using a single genetic element." <i>Blood</i> , 102(13):4369-76, 2003.
	Murry et al., "Haematopoietic Stem Cells Do Not Transdifferentiate Into Cardiac Myocytes in Myocardial Infarcts", <i>Nature</i> , 428:664-668 (2004)
	Nagaya et al. "Intravenous Administration of Mesenchymal Stem Cells Improves Cardiac Functions in Rats With Acute Myocardial Infarction Through Angiogenesis and Myogenesis", <i>American Journal of Physiology - Heart Circulation Physiology</i> , 287: H2670-H2676, 2004.
	Ohishi et al. "Delta-1 Enhances Marrow and Thymus Repopulating Ability of Human CD34+CD38- Cord Blood Cells", <i>The Journal of Clinical Investigation</i> , 110(8): 1165-1174, 2002.
	Okuno et al. "Differential regulation of the human and murine CD34 genes in hematopoietic stem cells." <i>Proc Natl Acad Sci U S A</i> , 99(9):6246-51, 2002.
	Orlic et al. "Transplanted Adult Bone Marrow Cells Repair Myocardial Infarcts in Mice", <i>Annals of the New York Academy of Sciences</i> , 938: 221-230, 2001. Abstract.
	Park, et al., "Phosphatidylinositol 3-kinase regulates PMA-induced differentiation and superoxide production in HL-60 cells.", <i>Immunopharmacol. Immunotoxicol.</i> , 24(2):211-226 (2002).
	Pei et al. "Bioreactors Mediate the Effectiveness of Tissue Engineering Scaffolds", <i>The FASEB Journal</i> , 16: 1691-1694, 2002.
	Peled et al., "Chelatable Cellular Copper Modulates Differentiation and Self-Renewal of Cord Blood-Derived Hematopoietic Progenitor Cells", <i>Exp Hematol</i> , 33:1092-1100 (2005)
	Peled et al. "Dependence of Human Stem Cell Engraftment and Repopulation of NOD/SCID Mice on CXCR4", <i>Science</i> , 283: 845-848, 1999.
	Peled et al. "Copper chelators enable long term CFU and CD34+ cells expansions in cultures initiated with the entire mononuclear cell (MNC) fraction.", <i>Blood</i> , 100 (11), 2002. Abstract # 4076.
	Pera MF. 2001. Human pluripotent stem cells: a progress report. <i>Curr Opin Gen Devel</i> 11:595-599.
	Petzer et al., "Self-Renewal of Primitive Human Hematopoietic Cells (Long-Term-Culture-Initiating Cells) <i>in vitro</i> and Their Expansion in Defined Medium", <i>Proc Natl Acad Sci USA</i> , 93:1470-1474 (1996)
	Porter et al. "Graft-Versus-Leukemia Effect of Allogeneic Bone Marrow Transplantation and Donor Mononuclear Cell Infusions", <i>Cancer Treatment & Research</i> , 77: 57-85, 1997. Abstract.
	Prockop et al. "Isolation and Characterization of Rapidly Self-Renewing Stem Cells From Cultures of Human Marrow Stromal Cells", <i>Cytotherapy</i> , 3(5): 393-396, 2001.
	Purton et al. "All-Trans Retinoic Acid Facilitates Oncoretrovirus-Mediated Transduction of Hematopoietic Repopulating Stem Cells", <i>J. Hematother. Stem Cell Res.</i> , 10(8): 815-825, 2001. Abstract.
	Rajur et al. "Covalent Protein-Oligonucleotide Conjugates for Efficient Delivery of Antisense Molecules", <i>Bioconjugate Chemistry</i> , 8(6): 935-940, 1997.
	Ratajczak MZ et al., "Hunt for pluripotent stem cell -- regenerative medicine search for almighty cell.", <i>J Autoimmun</i> 30: 151-162, 2008.
	Reya, T., "Regulation of Hematopoietic Stem Cell Self-Renewal", <i>Rec Prog Horm Res</i> , 58:283-295 (2003)
	Reyes et al. "Origin of Endothelial Progenitors in Human Postnatal Bone Marrow", <i>Journal of Clinical Investigation</i> , 109: 337-346, 2002.
	Roach et al. "Methods for the Isolation and Maintenance of Murine Embryonic Stem Cells", <i>Methods in Molecular Biology - Embryonic Stem Cells: Methods and Protocols</i> , 185: 1-16, 2002.
↓	Roberts. "Mesenchymal Stem Cells", <i>Vox Sanguinis</i> , 87(Suppl. 2): s38-s41, 2004.
	Robinson et al., "Superior Ex vivo Cord Blood Expansion Following Co-Culture With Bone Marrow-

Via EFS

Date of Deposit: July 1, 2009

Page 7 of 8
Attorney Docket No.: 24024-505 CON

/ML/	Derived Mesenchymal Stem Cells", <i>Bone Marrow Transplant.</i> , 37:359-366 (2006)
	Rubinstein et al. "Processing and Cryopreservation of Placental/Umbilical Cord Blood for Unrelated Bone Marrow Reconstitution", <i>Proc. Natl. Acad. Sci. USA</i> , 92: 10119-10122, 1995.
	Ryu et al. "Adenosine Triphosphate Induces Proliferation of Human Neural Stem Cells: Role of Calcium and P70 Ribosomal Protein S6 Kinase", <i>Journal of Neuroscience Research</i> , 72: 352-362, 2003.
	Santoro et al. "A General Purpose RNA-Cleaving DNA Enzyme", <i>Proc. Natl. Acad. Sci. USA</i> , 94: 4262-4266, 1997.
	Shioda et al. "Anti-HIV-1 and Chemotactic Activities of Human Stromal Cell-Derived Factor 1 α (SDF-1 α) and SDF-1 β Are Abolished by CD26/Dipeptidyl Peptidase IV-Mediated Cleavage", <i>Proc. Natl. Acad. Sci. USA</i> , 95: 6331-6336, 1998.
	Simmons et al. "Identification of Stromal Cell Precursors in Human Bone Marrow by A Novel Monoclonal Antibody, STRO-1", <i>Blood</i> , 78(1): 55-62, 1991.
	Smith "Embryo-Derived Stem Cells: of Mice and Men", <i>Annual Reviews of Cell and Developmental Biology</i> , 17: 435-462, 2001.
	Smith "The World According to PARP", <i>Trends in Biochemical Sciences</i> , 26(3): 174-179, 2001.
	Struyf et al. "Natural Truncation of RANTES Abolishes Signaling Through the CC Chemokine Receptors CCR1 and CCR3, Impairs Its Chemotactic Potency and Generates A CC Chemokine Inhibitor", <i>European Journal Immunology</i> , 28: 1262-1271, 1998.
	Sylvester et al. "Stem Cells: Review and Update", <i>Archives of Surgery</i> , 139: 93-99, 2004.
	Tateishi-Yuyama et al., "Therapeutic angiogenesis for patients with limb ischaemia by autologous transplantation of bone-marrow cells: a pilot study and a randomised controlled trial", <i>The Lancet</i> , 360:427-435 (2002)
	Tögel et al. "Administered Mesenchymal Stem Cells Protect Against Ischemic Acute Renal Failure Through Differentiation-Independent Mechanisms", <i>American Journal of Physiology - Renal Physiology</i> , 289: F31-F42, 2005.
	Trounson "The Derivation and Potential Use of Human Embryonic Stem Cells", <i>Reproduction, Fertility and Development</i> , 13: 523-532, 2001.
	Tse et al. "Angiogenesis in Ischaemic Myocardium by Intramyocardial Autologous Bone Marrow Mononuclear Cell Implantation", <i>Lancet</i> , 361: 47-49, 2003.
	Turnpenny L et al., "Evaluating human embryonic germ cells: concord and conflict as pluripotent stem cells.", <i>Stem Cells</i> 24: 212-220, 2006.
	Uchida et al. "Direct Isolation of Human Central Nervous System Stem Cells", <i>Proc. Natl. Acad. Sci. USA</i> , 97(26): 14720-14725, 2000.
	Ueda et al. "ADP-Ribosylation", <i>Annual Reviews of Biochemistry</i> , 54: 73-100, 1985.
	Vanham et al. "Decreased Expression of the Memory Marker CD26 on Both CD4+ and CD8+ T Lymphocytes of HIV-Infected Subjects", <i>Journal of Acquired Immune Deficiency Syndromes</i> , 6: 749-757, 1993.
	Virág et al. "The Therapeutic Potential of Poly(ADP-Ribose) Polymerase Inhibitors", <i>Pharmacological Reviews</i> , 54(3): 375-429, 2002.
	Vlahos, et al., "A specific inhibitor of phosphatidylinositol 3-kinase, 2-(4-morpholinyl)-8-phenyl-4H-1-benzopyran-4-one (LY294002).", <i>J. Biol. Chem.</i> , 269(7):5241-5248 (1994).
	Wagers et al., "Little Evidence for Developmental Plasticity of Adult Hematopoietic Stem Cells", <i>Science</i> , 297(5590):2256-2259 (2002). Abstract
	Walton et al. "Prediction of Antisense Oligonucleotide Binding Affinity to A Structured RNA Target", <i>Biotechnology and Bioengineering</i> , 65(1): 1-9, 1999.
	Xia et al. "Surface Fucosylation of Human Cord Blood Cells Augments Binding to P-Selectin and E-Selectin and Enhances Engraftment in Bone Marrow", <i>Blood</i> , 104(10): 3091-3096, 2004.
▼	Yau et al. "Endogenous Mono-ADP-Ribosylation Mediates Smooth Muscle Cell Proliferation and Migration Via Protein Kinase Induction of C-Fos Expression", <i>European Journal of Biochemistry</i> , 270:

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /ML/

Via EFS

Date of Deposit: July 1, 2009

Page 8 of 8
Attorney Docket No.: 24024-505 CON

	101-110, 2003.
/ML/	Ylä-Herttuala et al., "Gene transfer as a tool to induce therapeutic vascular growth", <i>Nature Medicine</i> , 9(6): 694-701 (2003)
/ML/	Yoon et al., "Clonally Expanded Novel Multipotent Stem Cells From Human Bone Marrow Regenerate Myocardium After Myocardial Infarction", <i>J. Clin. Invest.</i> , 115(2):326-338 (2005)
/ML/	Zenith "Zenith and US Robotics, A Complete Network Solution for Data Modem Communications Over One-Way Cable Plants", Zenith Network Systems Data Business Unit.

* By the waiver of 37 CFR 1.98(a)(2)(ii) copies of any U.S. Patents or U.S. Published Applications cited above are not submitted.

Examiner Signature	/Maria Leavitt/	Date Considered	09/14/2009
--------------------	-----------------	-----------------	------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

4656391v.1

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /ML/